

NONPROVISIONAL PATENT  
APPLICATION TRANSMITTAL RULE §1.53(b)  
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Customer No. 004372  
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Docket No. 023853-00030  
Date: November 13, 2003

Commissioner for Patents  
Washington, D.C. 20231

Sir:

Transmitted herewith for filing under 37 C.F.R. §1.53(b) is a nonprovisional patent application:

For (Title): Electronic Ballast for HO Fluorescent Lamps  
By (Inventors): Carlos Gabriel Bianchim

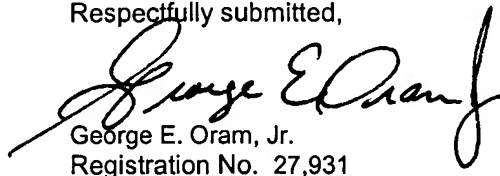
- ☒ Nine (9) pages of Specification/Claim 1/Abstract are attached.  
☒ Two (2) pages of Formal Drawings (Figures 1-2) are attached.  
☒ Priority of foreign application No. PI 0205859-6 filed Brazil in November 13, 2002 is claimed under 35 U.S.C. §119.

The filing fee is calculated below and includes claim status after entry of any Preliminary Amendment noted above:

			SMALL ENTITY		OR	LARGE ENTITY	
FOR:	NO. FILED	NO. EXTRA	RATE	FEE		RATE	FEE
BASIC FEE				\$ 385	OR		\$ 770
TOTAL CLAIMS	1 - 20	= 0	x 9 =	\$	OR	x 18	\$
INDEP CLAIMS	1 - 3	= 0	x 43 =	\$	OR	x 86	\$
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS			+145 =	\$	OR	+290	\$
			TOTAL	\$	OR	TOTAL	\$ 770

- ☒ A check for the filing fee is not enclosed at this time.

Respectfully submitted,

  
George E. Oram, Jr.  
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GEO/jns